



32476378.b ESPLGpdpsARDARV RAVHIK MRKA
 17550630.w LLE KATEKTEKIMKRCI
 27080001.q SDYVRRRL GGRLKEHV
 AK107091.q SDFHEMRRRLGQN NLKEVQ
 15238163.p KDYQVKRRLGGSCYKEI
 15223409.p KDYQVKRRLNGSCYKEIT
 18411024.p FSNVVKLKSFKNFKA
 AK100268.q FKKGDBEVVK YQVAKW
 30689517.p eln-LECAQYVA KW
 15232181.p VRKVDGKSKH QYVAKW
 AK099756.q DELEFRPRCEVTKGHYWAR
 15225139.p VPEPBLQEVYQVAKW
 58500020.p CSKLAIHAQSGFEEILRAN
 15223025.p FSNAAMTQKSFSEEVLYKAYW
 17552278.w JEFPS-LECAQYVA KW
 HH498.h IEFPIEICGSF RYVYKGR
 18400528.p INMGPFAAQAFKLYRGT
 15235845.p IHMGPAFAQAFKLYRGT
 37750007.q DMCAPFAAQAFKLYRGT
 AK101327.q DMCAPFAAQAFKLYRGT
 53810018.q IHMGMPFAAQAFKLYRGT
 AK099003.q HLI CMPFAQAFKLYRGT
 47490019.p DDXPKVAKFTRQDDED
 AK067065.q DLI CTRFASRAYSRLFIC
 AK102467.q DLI CTRFASRAYSRLFIC
 18424175.p DFFGLKFARHAEFRLYRGT
 15232680.p ISYCDRFAEQKSYCIEGY
 83500074.q DEIRTRKFATRHSRVYGR
 83603491.q DFLGPKFCASNSRIRHGR
 49770027.q DFLGKNCFKASCNRIRYGR
 15220773.p DFLGKNCFKASCNRIRYGR
 AK067412.q DFVSPRICEAHAKVYPC
 15240630.p DFVSPKICAEAHAKVYPC
 15240070.p DFLGKNCFKASCNRIRYGR
 15230296.p VVCEPMKICAEISIVYKGR
 15230295.p IMRCEMICNSIVYKGR
 AK103264.q DFLISKIGCAEHAKVYPC
 30679428.p DFLISKIGCAEHAKVYPC
 15237443.p DFVSPKICAEAHAKVYPC
 15232197.p DFVSPKICAEAHAKVYPC
 52870018.q DEIRRVPAQGTYCIVYRGT
 18403507.p DEIRNVPAQGTYCIVYRGT
 15233574.p DEISNTPARCVYCIVYRGT
 51320008.q IROCAPKFRSLFRLADY
 AK109696.q DEIRHVAEHDCHDKLFR
 83592867.q DSRSVVAQYQHCGLFRADY
 15223998.p DMKHMVCAEHCYQHVGRC
 15240597.p DFLGKNCFKASCNRIRYGR
 15232131.p DFLKSVPARCFHCVHRGIY
 AK107217.q DFLVRGVPARCFHCVHRGV
 AK108130.p DFLVRGVPARCFHCVHRGV
 14770026.q DFLINQVAHCPVYRGT
 AK102156.q DEFIDWCPNSPKVFRG
 30681763.p DEFGSQGPKFCVYRGT
 15237684.p PEFGDLPTSLKCIFFG
 83590564.q HKMGGMASCPCVYRGT
 83550943.q YLINGMEIKPGASVYRALLS
 83552554.q LOI EKPKTACSSCDLRYGT
 AK067246.q DTTCPKATACSSCDLRYGT
 AK066198.q KFKERPKTACSSCDLRYGT
 18420244.p KFKGKHKATACSSCDLRYGT
 AK103704.q KFKGKTKATACSSCDLRYGT
 AK072690.q KFKCNKVKASCCCDLRYGT
 22329194.p KFKLKKVAKCSYCDLRYGT
 15227883.p KFKLKKVAKCSYCDLRYGT
 AK073747.q DFLKPKVAKCSYCDLRYGT
 31240771.i LVQCKTACSSCDLRYGT
 24641563.f DVI EKPKTACSSCDLRYGT
 24641561.f DVI EKPKTACSSCDLRYGT
 6754550.m DIIHEVVKCKFFCAKVT
 LIMK2.h DIIHEVVKCKFFCAKVT
 6754548.m DIIHEVVKCKFFCAKVT
 13929022.m DIIHEVVKCKFFCAKVT
 LIMK1.h DIIHEVVKCKFFCAKVT
 31208047.i CIYQPVH
 24648121.f dfvPKCQKCSFSEVVKVTH
 31981902.m DFTPKKCSFSEVVKVTH
 19173754.m DFTPKKCSFSEVVKVTH
 TES2.K.h dftPKKCSFSEVVKVTH
 31543857.m FDCAEKPKCQKCSFSEV
 FDCAEKPKCQKCSFSEV

This block contains 390 rows of sequence data, each row representing a protein sequence from a specific entry in a database. The columns represent amino acid positions, ranging from 210 to 390. The sequences are color-coded by residue type: Aromatic (F, Y), Aliphatic (L, I, V, C, G, P, S, T, W, H, N, D, E, K, R, M), Polar (Q, B, Z, X, O, U, N, C, M, S, D, E, K, R, M), and Acidic (D, E). The sequences are aligned horizontally, showing conservation and variation across the different proteins.

Example entries include:

- 23613780.z: DFEFLMSQCCTGKHLAPDKSVC
- 23613778.z: EDGIVINVSGAIVMAPLELLKCHPLKQSSDyNhtklyNPKDlSMCVQEMMNLSPFQHYIITPd
- 24649726.f: NIARQQFDHNRILAPEVLRBHQ
- 24649724.f: NIARQQFDHNRILAPEVLRBHQ
- 17532277.w: GKD TASSIKFGAFLA PIRI INDED -s1FAA TYQSDW HEIYI LII
- 25149828.w: LEYSTPLIA VMPHILcaRI PH RPDNV MFCVFL ECLT GAOPHE RKSVEEIKKSFRLPD
- 17539890.z: G1PSAQKRALLPEASIDSYC
- AK102540.Q: CIAH LGTYPD NVCVGT C NAPcVLLNAMRd kNQY CLEIDI SFCECILMMLT RIFYQCL
- 15219675.p: CIAHVGIPPhicV C NAPcVLLNAMRd kNQY CLEIDI SFCECILMMLT RIFYQCL
- 31204089.i: TVECWTATEVStwlaG1MSAELPfN RIG TIKADI SFLLEVEITG YPHTPP
- 188559929.f: GEVNFLKNPGLRYYGTLNCAPVIDEV DVI DSKAIDFSEPLVIYIENAL VPHTLE
- 12963575.m: NMTVTDPEACYTGKPCBLEN GII TDAKDMFSCFCLL EMMT CIPHVN
- 38078332.m: NMTVTDPEACYTGKPCBLEN GII TDAKDMFSCFCLL EMMT CIPHVN
- 34875208.m: NMTVTDPEACYTGKPCBLEN GII TDAKDMFSCFCLL EMMT CIPHVN
- PBK.p: NMTVTDPEACYTGKPCBLEN GII TDAKDMFSCFCLL EMMT CIPHVN
- 34867735.m: MGIIKTS EGT CGPAPEVARCN VIY NOQADVVFSLLLBDI
- 13385190.m: QYCCCRMGIKT sGT CGPAPEVARCN VIY NOQADVVFSLLLBDI
- LRRK2.h: MGIIKTS EGT CGPAPEVARCN VIY NOQADVVFSLLLBDI
- AK110452.Q: TRHIOLEKE SDNCN I DGV BILM G -ESA TIKDIFAY IIVL ELL FWDPYDHTWMSQLEVDKAGLR
- 32563671.w: LPSGGAKGFGCTGGFMAPBIVFNG eEYY TOKWDCFSFIMFLYELLT KFFPES EFKERMLDG
- 31204801.i: LPSGGAKGFGCTGGFMAPBIVFNG eEYY TOKWDCFSFIMFLYELLT KFFPES EFKERMLDG
- 24648474.f: SGAKGFCTGGFMAPBIVFNG GHE SIK ECF LEGSRPA
- 3485193.m: FIEGALGV EGT CGPAPEVARCN IVY DEKD DMPSY IMVL YELLSQ QRPALCH
- LRRK1.h: FIEGALGV EGT CGPAPEVARCN IVY DEKD DMPSY IMVL YELLSQ QRPALCH
- 30689316.p: IPPLPSDDMTERLGT NYMAPCOW PDV rGEM SFE DS DSCG C SIV EMLTG VOPNSCR
- 22329080.p: IPPLPSDDMTERLGT NYMAPCOW PDS rGEM SFE DS DSCG C SIV EMLTG VOPNSCR
- AK06750.Q: FGLSLPNDLIIQRLGT NYMAPCOW PSI rGPI SFE DS DSCG C SIV EMLTG VOPNSCR
- 15240646.p: FDSSKVILYI DCCVILSbHMAPCAGPVK1f -edaSGV SPESDA SFC ITV EMTG SITPMDL
- 29144763.b: TEAFTHSVICT GYMAPCILM GKN ISF DOK DVYAY CVL DIF G IEKF DPEI YEHPPAAITN PELGK
- 16763284.b: TEAFTHSVICT GYMAPCILM GKN ISF DOK DVYAY CVL DIF G IEKF DPEI YEHPPAAITN PELGK
- 39952291.y: NRRCPGCVHEPPEATPLIESNQIS -MYI GVKSDLYQL MVLV SLC QDE DPEELON RPL
- 32408271.y: NRRCPGCVHEPPEATPLIESNQIS -MYI GVKSDLYQL MVLV SLC QDE DPEELON RPL
- 31198653.i: WQPNETLVNKGTRIYMAPBLLGT GGF TARADIYSF VVIM QDEG RPFYEEI
- 24653187.f: FCANQEPSEVAKGTCR YMAPBPLARS DTL TEASDIYSL HIM QLQ ARRLLVQK LDPN
- 321021761.i: SQELPKRSLVLPK KMAPCOW PDS rGPI SFE DS DSCG C SIV EMLTG VOPNSCR
- 39952305.y: sargSDDGRAASFVCTAEYVSPELLID KSA SKASDI AF CIIYQLLAG R PFPKGG SEYLTFOKIVGL
- 20956294.p: KPGQQLHHRHCGAYAFAPBLFLW GKYDTSKDL AL VILYMMVQ KVFEDPS II
- 236119489.z: LGKSHSSLCLVMSPELITSQ TCY DWRSIDL SIVVLLYI EMVQ DFEFDGT KT QVSEIS FSCNLKF
- 15320792.v: HLPGVHDCTE YMAPCIXL RQY ARSDIYAV VVLT KLLL TGK KHEEBSVD EELN SSM KRRQYN
- 39974145.y: QNE DSAVAP APTRA GDVD GST IDL AL IIYKIDR LHM PGSVQ JNS QEAACQNS KQGS LVSC
- 32410025.y: HDRENITL LGQQGT KMAPCIVS RSD EWS MRAADVSY MLVNLN ITV VVGA
- 32476268.b: HSSDLTSQLTVGCTAYMAPCQITGD EAI SKADIALYAL QVLF EMLAN RKVFACEGN -AQLEFQHURKA
- 39932632.p: GVAELGPAGDDELL TVQYMAPCIVYFG QGG SASDPSL SIV QVQMLTG RIF YGAELARA NQAKRCKLRY
- 23465491.b: ASNRSDRTTALGT GFSPVQYGF AKT DARSDFVSL RLCSFMLTG VVYDASD YEQR ADDAAVPAR
- 21220714.b: DYTALVATGMRC GYMAPCIVYIR QEV TEACDPEVPLVVAH FAA TGRLAG GGSDDHGVAY
- 15806262.b: LPLDHGSTCTR QFMAPCIVG VRG DFE DS YLSV YLLDCE TAGH HEY YADA
- 32141186.b: TPRKRTRATKII GT D YMAPBIVFG LPP RAADIYALATVLY ELLAG F IF PFGGG aVL R HVITE IT VVPL
- 29831644.b: PRKTRATKII GT D YMAPBLLIG LPP RAADIYALATVLY ELLAG F IF PFGGG aVL R HVITE IT VVPL
- 29831851.b: TCAAGLEAPLHWRREG QAA TPGGDVY CTACVH ELC TG ELE PFPVR QLSLMARH
- 29828804.b: GDRHNLRGTCAYMAPCIVG EAA TPAADVYATAI LY ECVTG VRF FEGP EPWDFORQHDE
- 15806232.b: GSKTSIGS YMAPCIVYHG EST SASDVSYL SIVM ELLTG ARF FSCN SYEE LKTAHLSL PFPAPL
- 39935176.y: NKR EPMGCTEPMG T YMAPCIVG RSI DARS DLPVLFV ILLYQIAGSLSI FFASN -GOWIHYI DARK
- 32415567.y: STGWSTLSKEV GARHKLQYI SPBQDT GRMP AEP DTR DIYSL YVLE SLLTQ QPVFGQD -TPLD QVQV GLRGP NV
- 15805561.b: ERLDHWFH DFL RYAPL DFL BSG GY T PFDL YELLAALAH EPEAG T ALP G T Q T ALP VSAR QQGVR
- 34861483.p: QGNGGGPPPNKGTPELEQ DDPPELADSSY avKE KWSADM RL QLII EYNG SLEP RATA LRN
- 32120281.i: PCQEWSTrasklVQPNLD YMAPCIVQIN SSC SISLSDMS P MVI C AT FNH GRSLIGOSGNST STY LK QMELV DEAVH
- 15217467.p: YSEYdveds ilpvgq SNTYMAPLMSKS GKV GSACDIFSP C QLL DCHNN VKYVMNS LTYLTSEAFNS NIPADL
- 13365563.q: ySDV DEDTALPLQPSN YMAPCIVG RQTNRGAWSH PDL LIEKNY K PFGM
- 48060001.Q: ASCLIGRCNRFWGTOFH SPBLWWNM HTH NEK D VDPSL SIVM ELLF PFGG PTSSNR -YKRL EKLES I NSN KWKCTN LQI TW
- HRPIs.h: HNRKR RTPLTISRGTC I YMAPCIVG SNTYMAPCIVG SEYD YVYV SIVL ELLF PFGM FTEMER AEP TGSRTGQI
- 32101641.i: SHVGVGFGT D YMAPCIVG QC D EKSDIYSL III ELLF PFGM FTEMER AEP TGSRTGQI
- 23612359.z: naitsVQSLXQGIQI GT GY APICGGAL C DEKADYASALI ECFPT I M ERYKRLND FRN
- 19115558.y: RQTNRGAWSH PDL LIEKNY K PFGM
- 15829156.b: PDSQRY TSDKLGISW YMAPCIVG EPA S EKSDIYSL III ELLF EMA G S V FNG SN MAQTLN QK TESLP
- 12044961.b: AEKTEVLT D ENS LFGTV S YMAPCIVG RQTNRGAWSH PDL LIEKNY K PFGM
- 23612315.z: NTKLKSYSSR YMAPCIVG RQTNRGAWSH PDL LIEKNY K PFGM
- 21312828.m: DSGVILKCGHRLHGD FVAPF QHl wdy GED dlmpSY NEKODI WKL PDVS -SFL GHE
- 24648515.f: SNKKTD MCGT YMAPCIVG RQTNRGAWSH PDL LIEKNY K PFGM
- 17544328.w: TCSIQSMTSN RGS I IT MAPCIVG RQTNRGAWSH PDL LIEKNY K PFGM
- 17508441.w: HQSMTSN RGS I IT MAPCIVG RQTNRGAWSH PDL LIEKNY K PFGM
- 31206007.i: STLM TNNKGS I NA MAPCIVG RQTNRGAWSH PDL LIEKNY K PFGM
- 24649132.f: SQSIS CNA GCT RYMAPCIVG RQTNRGAWSH PDL LIEKNY K PFGM
- 17647993.f: STMV TNNKGS I NA MAPCIVG RQTNRGAWSH PDL LIEKNY K PFGM
- 38090629.m: QT HMTN NKGS I NA MAPCIVG RQTNRGAWSH PDL LIEKNY K PFGM
- 34867104.m: QT HMTN NKGS I NA MAPCIVG RQTNRGAWSH PDL LIEKNY K PFGM
- 27881429.m: QT HMTN NKGS I NA MAPCIVG RQTNRGAWSH PDL LIEKNY K PFGM
- TAK1.h: QT HMTN NKGS I NA MAPCIVG RQTNRGAWSH PDL LIEKNY K PFGM
- 23619416.z: FSSNDS P TAYA IY K NIF P MAPCIVG RQTNRGAWSH PDL LIEKNY K PFGM
- 31217781.i: ISTKMSFACTV A MAPCIVG RQTNRGAWSH PDL LIEKNY K PFGM
- 28574826.f: ISTKMSFACTV A MAPCIVG RQTNRGAWSH PDL LIEKNY K PFGM
- 28574824.f: ISTKMSFACTV A MAPCIVG RQTNRGAWSH PDL LIEKNY K PFGM
- 28574822.f: ISTKMSFACTV A MAPCIVG RQTNRGAWSH PDL LIEKNY K PFGM
- 17507127.w: KKKMSFCGTV S MAPCIVG RQTNRGAWSH PDL LIEKNY K PFGM

32476378.b FRSGPQYHVSRRPPSICQMMRSPAPTPN - DPV TARDLDFVALLYEALTG-APIITGS - TVQEVTNSNLKYQS PTVSASTVMECPVWMDRIVMOLLNK DPGRP VSAAVK
 17550630.w - SGRPSRSHIAOLRYAPSPSILV - NEF TEKSDA AVATTIVEMAYORGYEELTN - EQIVDPSNACALLDHPQ - NAVVILMPVTVNEYIHLQLTRCRV DOLRPT FERLVKLFQd
 27080001.q GAKASANGANGNDNCINPAVFLNEDGVadAaA - GRC TEKADVYSFPMICELLTG-KVIFEDNH - QGDKTSKNI - CAGERPLVQAPKLTATLTCQCH DPAQCLA FASICRVLRYV
 AK107091.q VSGSGTANAAANCINGCAPEVFLNE - AAA TEKADVYSFPMICELLTG-KVIFEDNH - QGDKMSKNIRAG - ERPLFPFQSPKYLTSLLTRCQH DPAQCLP FHSICRVLRYV
 15238163.p - KAQSSESPKGTPDPVNAVAPLAMEODLngKPSKL TEKADVYSFPMICELLTG-KVIFEDSHL - QGEPMNTINR - MCERPLFPFQSPKYLTSLLTRCQH DPAQCLP FSSICRVLRYI
 15223409.p FSSKSASLTQNENFPIIISPEVLEQEQQsgTaGS - IKEY SPKSDWVSYFPMICELLTG-KVIFEDSHL - QGDKMRNIRAG - ERPLFPFQSPKYLTSLLTRCQH DPAQCLP FSSICRVLRYI
 18415205.p - VKEDEPFTFCODISCRYLAPEVFTS ERY DTKADEVSPFLIVLQEMIEG - RIMPAFKR - EDSEASEAYAKGKHF-LF - KPAKOPT FRELKTLIES
 18411024.p KTVKKDRVVVTCILDSSRYPMAPEVFLN - ERY DTKADEVSPFLIVLQEMIEG - CEEFHID - DTKRREVKAYIEDERPPF EASKRPT FRELVISTLEL
 AK100268.q PGRVKLADHESMVDSFGH - EIF DASVDAFSPLILYEMEG - THTVHOK - SSEESEGHITRVDGMR - NAPIKSYSPFCOELICEDC DK EASKRPT
 30689517.q QDKAKVANNAKHAIQKSYIYALPEVFLN - EIF DRUDAMPSFVILYELTEG - PPEEVARVACLEGK - RPLNPTAQSFPKYLTSLLTRCQH DPAQCLP FSELLIIHLDK
 15232181.p EDSAKVNNHEAQIDKSYIYALPEVFLN - EIF KRADEVSPFLIVLQEMIEG - PEEAAKNTCLE - IRTKSKYSPPLKELIBSCBHP DPAQCLP FSELLIIHLDK
 AK099756.q VSEDNPQMDQTTSKFNVYIAPMEVFLN - EIF DRSDVDSYFPMICELLTG - EEAQKACLEG - GMRPPFKNKVYYPPDILRELIPECDP DPAQCLP FEEIIIVRLNKI
 15225139.p SDKSKILNNGAHIDPESNYCMAPEVFLN - EIF DRSDVDSYFPMICELLTG - EEAQKACLEG - RRPSFKAKS KSCPSCDPLKELIBSCBHP DPAQCLP FSEIIIVRLDKI
 58500020.q AQHANDVYKMTGETGSRYMAPEVFLN - RKEY DKKDDEVSPFLIVLQEMIEG - DTFCSNY - E-PY - EAALKIBECNCMGG DTHHRPS
 15223025.p - QNSHDVYkMTGETGSRYMAPEVFLN - RKEY DKKDDEVSPFLIVLQEMIEG - EPYEAAKHVSDDGH - RPLFTRKGCTPLRELIVKRCDA DDCNOPS FLDLMLKLEK
 17552278.w - REDENLTKQFQCNLR - EIF DRKDDEVSPFLIVLQEMIEG - KPAQAFK - LPNQPTAQSFPKYLTSLLTRCQH DPAQCLP FSSSPD FVEIVAILLEP
 32401467.m LDEDNNMTKQFQCNLR - EIF TIKADVYSYFLCL - ELLTG - EIPFAFL - KPAaaaaADMAYHHI - RPLFTRKGCTPLRELIVKRCDA DDCNOPS FSEIVGKLEE
 HH498.h LDEDNNMTKQFQCNLR - EIF TIKADVYSYFLCL - ELLTG - EIPFAFL - KPAaaaaADMAYHHI - RPLFTRKGCTPLRELIVKRCDA DDCNOPS FSEIVGKLEE
 18400528.p TEGMTPETGTYRMAPEMICH - RKEY NOKDDEVSPFLIVLQEMIEG - TAVQAAFAVNNRGR - PTVNDCLPVSLIMRCDA DDCNOPS FSEIVGKLEE
 15235845.p - TEGMTPETGTYRMAPEMICH - RKEY DKKDDEVSPFLIVLQEMIEG - TAVQAAFAVNNRGR - PTVADCLPVSLIMRCDA DDCNOPS FAEIVNDEA
 37750007.q - TEGMTPETGTYRMAPEMICH - RKEY DKKDDEVSPFLIVLQEMIEG - TAVQAAFAVNNRGR - PAIDQDCVDSLKIMTCCDA DDCNOPS FAEIVMLLEN
 AK101327.p TEGMTPETGTYRMAPEMICH - RKEY DKKDDEVSPFLIVLQEMIEG - TAVQAAFAVNNRGR - PVIPDCLPVSLIMRCDA DDCNOPS FTDIVCLES
 53810018.p TEGMTPETGTYRMAPEMICH - RKEY DOKDDEVSPFLIVLQEMIEG - TAVQAAFAVNNKGR - PAIPQDCCLPVSLIMRCDA DDCNOPS FTEIVVRMLEH
 AK099003.p - TEGMTPETGTYRMAPEMICH - RKEY DOKDDEVSPFLIVLQEMIEG - TAVQAAFAVNNNGR - PAIPHDCLPLAELIMRCDA DDCNOPS FTEIVVRMLEQ
 47490019.p - SMCDVLVEDEGETRMAPEMIKR - KAY NRKDDVSYFSLLLL - EMISS - RPLFDDL - TPLQAAAYAVATRHR - VPIIPECPMPLRSLIECCSL QPEKRPD FWDIVKLE
 AK067065.p - CNSLEDDEGETRMAPEMIKR - KAY CRKDDVSYFSLLLL - ELESG - SILEYEM - TPLQAAFAVNNKLR - VVVPSSCPAQLRSLIECCSL QPEKRPD PSQVQQLKLN
 AK102467.p - CDPLANDGETRMAPEMIKR - KAY CRKDDVSYFSLLLL - ELEM - SVEYEDM - NPQQAFAVDEDKNE - RPLFTRKGCTPLRELIVKRCDA DDCNOPS FWQIVQQLK
 18424175.p - CDMALADDGETRMAPEMIKR - KAY CRKDDVSYFSLLLL - EMAG - AIEYEDM - NIPQAAFAVHNKNI - RPLFTRKGCTPLRELIVKRCDA DDCNOPS FWQIVKLE
 15232680.p - CDVLGDNIGCTYRMAPFLVLR - IPH CRKDDVSYFSLLLL - EMAG - AIEYEDM - KFAEQIAAYAVIYKKI - RPLFTRKGCTPLRELIVKRCDA DDCNOPS FWQIVKLEH
 83500074.p - CGSGKGFTCTYRMAPEMIKR - KAY TRKDDVSYFSLVL - ELLTG - EIPFAFL - PPLPPSCPVIAHSLTQCQAT - PDPARLP FDDIVALES
 83603491.p - TCRDKKCSKAGTRMAPEMIKR - KRC NRKDDVSYFSLVL - ELLTG - EIPFAFL - SPVQVAVYCDRDRAPP - LSPSPCPNINLNGCQST PDPARLP FKQIVKLES
 49770027.p - TACQATKGNKGTTRMAPEMIKR - KAY TRKDDVSYFSLVL - ELLTG - EIPFAFL - TPLQAAFAVYASEKNR - PPLSTSCSPVPLNNLQCSA NPARPE PSYIVQVLEK
 15220773.p - CREAKGNCTYRMAPEMIKR - KAY TRKDDVSYFSLVL - ELLTG - EIPFAFL - TPLQAAFAVYAEKNE - RPLFTRKGCTPLRELIVKRCDA DDCNOPS FWQIVQVLEK
 AK067412.p - TLTEMMAETGTYRMAPELYSTV1r1h - gekKbY NRKDDVSYFSLVL - ELLTG - EIPFAFL - RPSADNLPPEIISLLTICKE - DPNRPN FTDIVQMLLH
 15240630.p - LTEMMAETGTYRMAPELYSTV1r1h - gekKbY NRKDDVSYFSLVL - ELLTG - EIPFAFL - RPSAESPEDPGEIVIVCNE - DPNRPN FTHIIEELLN
 15240070.p - TKGFMFTEACTYRMAPELFYSYD1le1 - gekKbY DRKDDVSYFSLVL - ELLTG - EIPFAFL - RPSVENLNPECVHLSQWAE - NDDARPE KFETIYTSLTN
 15230296.p - TRGGMTCACTYRMAPELYSTV1r1 - gekKbY DRKDDVSYFSLVL - ELLTG - EIPFAFL - RPLTKTTPDVFVIVLVECGWAQ - DDPARLP FKESVMLTN
 15230295.p - TLGGMTCACTYRMAPELYSTV1r1 - gekKbY DRKDDVSYFSLVL - ELLTG - EIPFAFL - RPSLSNIPDDEVILHECPMAA - DSKRIPD FKCDITISLES
 AK103264.q - TVTEMMAETGTYRMAPELYSTV1r1 - gekKbY DRKDDVSYFSLVL - ELLTG - EIPFAFL - S - RPLFTRKGCTPLRELIVKRCDA DDCNOPS FWQIVQVLEK
 30679428.p - TEMMAETGTYRMAPELYSTV1r1 - gekKbY DRKDDVSYFSLVL - ELLTG - EIPFAFL - RPLFTRKGCTPLRELIVKRCDA DDCNOPS FWQIVQVLEK
 15237443.p - LTEMMAETGTYRMAPELYSTV1r1 - gekKbY DRKDDVSYFSLVL - ELLTG - EIPFAFL - RPLFTRKGCTPLRELIVKRCDA DDCNOPS FWQIVQVLEK
 15232197.p - LTEMMAETGTYRMAPELYSTV1r1 - gekKbY DRKDDVSYFSLVL - ELLTG - EIPFAFL - RPLFTRKGCTPLRELIVKRCDA DDCNOPS FWQIVQVLEK
 52870018.q - AQNEDMTGAGTGYMAPFLVLD - KAY NRKDDVSYFSLCL - EIVCC - DMYPDL - SFADVSSAVVHONLR - EDVRCCPAFANIMRCDA NDDKRPD MDEIVQVLEA
 18403507.p - AQNEDMTGAGTGYMAPFLVLD - KAY NRKDDVSYFSLCL - EIVCC - DMYPDL - SFADVSSAVVQONLR - FDTIICRCPTAQMIMKCDG NDDKRPD MEEIVVSLDEA
 15233574.p - ALNEDMTGETGYMAPFLVLD - KAY NRKDDVSYFSLCL - EIVCC - DMYPDL - SFDVSSAVVHLNLR - PEIIICRCPTAQMIMKCDG NDDKRPD MKEVVKMLEG
 51320008.p - DDRGDDVDAGLGMAPFLVLD - ERY NRKDDVSYFSLCL - EIVCC - EMFPDL - SLADYSSAVVHKDLR - PEIIICRCPPAQMIMRCDA NDDKRPD MEEVVQMLEA
 AK109696.p - AQDKEDLTRTGTGYMAPFLVLD - KAY NRKDDVSYFSLCL - EIVCC - EMFPDL - PEIIPDCLPVSLIMRCDA DDCNOPS FWQIVQVLEK
 83592867.p - ARDREMTGAGTGYMAPFLVLD - KAY NRKDDVSYFSLCL - EIVCC - EMFPDL - MRPIPCCPPAMARVMRCDA DPAARPE MEEVVQMLEA
 152229398.p - AQNQDGETGAGTGYMAPFLVLD - KAY NRKDDVSYFSLCL - EIVCC - DMYADC - SFETIICRCPTAQMIMRCDA NDDKRPD MEEVVQMLEA
 15240597.p - ASNENDMTGETGYMAPFLVLD - NAY NRKDDVSYFSLCL - EIVCC - DMYPDL - TFSSEVTSAVVRLNLR - DDIPIRCPPSLANVMRCDA NDDKRPD MEEVVPMLES
 15232131.p - ASNENDMTGETGYMAPFLVLD - SPI NRKDDVSYFSLCL - EIVCC - DMYPDL - SFSEVTSAVVRLNLR - PEIIICRCPPSLANVMRCDA NDDKRPD MEEVVVANLEA
 AK107217.p - ASNPSDGETDGTGYMAPFLVLD - SPI NRKDDVSYFSLCL - EIVCC - DMYPDL - PEMRCCPSSLANVMRCDA NDDKRPD MAEVMSLEA
 AK108130.p - ASNPSDGETDGTGYMAPFLVLD - HAY NRKDDVSYFSLCL - EIVCC - DMYPDL - PEIIICRCPPSLANVMRCDA NDDKRPD MAEVMSLEA
 14770026.p - GADGDDMTGQCTGYMAPFLVLD - RAY DRKDDVSYFSLCL - EIVCC - AMAPPNY - SLADISYHVDLGI - REDIICRCPPAQMIMRCDA NDDNDEPE MSEVVALLEK
 AK102156.p - NNAGEVTEYETTSGYLAPLIIAGDPe - kTRE TWSNNSVSYIEMV - EMVTG - EEEAYSTY - SPVQAAVYIAACGLR - PEIIICRCPPAQMIMRCDA NDDKRPD FSEIIQMLQR
 30681763.p - VNAMEVEYETDGYLAPLIIAGDPe - kTRE SWMSNNSYFIMV - EMVTG - EEEAYGSC - SPVQAAVYIAACGLR - GLRDIIKECPQVPLKLMKICNT CESTRDN FSDQHCLLRL
 15237684.p - FGEAVEYETDGYLAPLIIAGDPe - nTTE TWSNNSVSYFIMV - EMVTG - EAAAYASC - SPVQAAVYIAACGLR - PEIIICRCPPAQMIMRCDA NDDKRPD FSDQHCLLRL
 83590564.p - GGNMATAETGTYRMAPFLVLD - Pcs1glermann - DRKDDVSYFSLVL - ELLTG - KIDYNTM - TPLQAAVYEVROQ - LRPGEPAHPLDLMRCDA IPNSNPP FSDLLAED
 83550943.p - GGNMATAETGTYRMAPFLVLD - Pcs1gllccwsksV1NH - QAY DRKDDVSYFSLVL - ELLTG - KIDYNTM - TPLQAAVYEVROQ - LRPGEPAHPLDLMRCDA IPNSNPP FSDLLAED
 83552524.p - GGNMATAETGTYRMAPFLVLD - KAY DRKDDVSYFSLVL - ELLTG - KIDYNTM - TPLQAAVYEVROQ - MEIIPPKVHPLSKLICEDC DE NHVPL FSEIVTLED
 AK067246.p - NOEQQMAETGTYRMAPFLVLD - KAY DRKDDVSYFSLVL - ELLTG - KIDYNTM - TPLQAAVYEVROQ - C - S - W
 AK066198.p - SGVMTAETGTYRMAPFLVLD - LEY DRADVFSFIVL - ELLTG - KIDYNTM - TPLQAAVAVQKDLR - DPAIPD FSEIIQMLQR
 18420244.p - SGVMTAETGTYRMAPFLVLD - KAY DRADVFSYIVL - ELLTG - KIDYNTM - TPLQAAVAVVQKDLR - PTIICRPTAQMIMRCDA DSEIIPD FSEIIQMLQR
 AK103704.p - SGVMTAETGTYRMAPFLVLD - KAY DRADVFSYIVL - ELLTG - KIDYNTM - TPLQAAVAVVQKDLR - PTIICRPTAQMIMRCDA DSEIIPD FSEIIQMLQR
 AK072690.p - SGVMTAETGTYRMAPFLVLD - KAY DRADVFSYIVL - ELLTG - KIDYNTM - TPLQAAVAVVQKDLR - PTIICRPTAQMIMRCDA DSEIIPD FSEIIQMLQR
 22329194.p - SGVMTAETGTYRMAPFLVLD - KAY DRADVFSYIVL - ELLTG - KIDYNTM - TPLQAAVAVVQKDLR - R-KIDIKETHPKLQTELLERPCQD DPAIPD FAEIENLQ
 15227883.p - SGVMTAETGTYRMAPFLVLD - KAY DRADVFSYIVL - ELLTG - KIDYNTM - TPLQAAVAVVQKDLR - R-KIDIKETHPKLQTELLERPCQD DPAIPD FSEIIENLQ
 AK073747.q - SGIMTAETGTYRMAPFLVLD - KAY DRADVFSYIVL - ELLTG - KIDYNTM - TPLQAAVAVVQKDLR - R-KIDIKETHPKLQTELLERPCQD DPAIPD FSEIIENLQ
 31240777.1 tAYEKPRRQRTVYVQNYMAPFLM - NKY DRKDDVSYFSLCL - EIVCC - PD - FGLNTRK - FREKFCGQCPCFVYKAFVFCDDL NDDKRPD FVQILQMLE
 24641563.f rsksrqrqcrtytvcnnyMAPFLM - LKY DRKDDVSYFSLCL - EIVCC - VEADPDPFRNsdfSLNQQBFRKEF - NDDKRPD FVHIVVQLQR
 24641561.f rsksrqrqcrtytvcnnyMAPFLM - LKY DRKDDVSYFSLCL - EIVCC - VEADPDPFRNsdfSLNQQBFRKEF - NDDKRPD FVHIVVQLQR
 24641559.f rsksrqrqcrtytvcnnyMAPFLM - LKY DRKDDVSYFSLCL - EIVCC - VEADPDPFRNsdfSLNQQBFRKEF - NDDKRPD FVHIVVQLQR
 6754550.m TLRksdrkrctvvcnnyMAPFLM - KSY DETDVSFSFIVL - CEII - G - QVYADDP - CLPRLIDFGNLNVKLFW - EKFVTDCCPAPFPLAAICCKL DSESPA FSEKEDSFEA
 LIMK2.h TLRkdprkrctvvcnnyMAPFLM - KSY DETDVSFSFIVL - CEII - G - QVYADDP - CLPRLIDFGNLNVKLFW - EKFVTDCCPAPFPLAAICCKL DSESPA FSEKEDSFEA
 6754548.p SlkkpdrkrctvvcnnyMAPFLM - RSY DETDVSFSFIVL - CEII - GR - VNADPY - LPRIMDFGFLINVRG - LDRYCPCNPPSFITVRCDDL DSEKPL FVKEQMLLET
 13929022.m SlkkpdrkrctvvcnnyMAPFLM - RSY DETDVSFSFIVL - CEII - GR - VNADPY - LPRIMDFGFLINVRG - LDRYCPCNPPSFITVRCDDL DSEKPL FVKEQMLLET
 LIMK1.h SlkkpdrkrctvvcnnyMAPFLM - RSY DETDVSFSFIVL - CEII - GR - VNADPY - LPRIMDFGFLINVRG - LDRYCPCNPPSFITVRCDDL DSEKPL FVKEQMLLET
 31208047.i - ADPDI - MP - RDTDFV - D - L - L - C - G - S - W
 24648121.f PVKSRKSRLETVGS - YVSPCPLQGW - YDQSDVFSFII - CEII - ARADDEPDMMPRT - ASFGLD - TAFADVCNDTPPAPLRFIAFYCCYI DPKSPT FTEIVKCL
 31981902.m IPDASIGREKLAVVGSF - MAPFLM - ERY NEKADVFSYIII - CEII - ARADDEPDMMPRT - TENFLGDYDA - YLAFVLCFMDTPPAPLRFIAFYCCYI DPKSPT FHDATKLLTL
 19173754.m IPDASIGSEKLAVVGSF - MAPFLM - ERY NEKADVFSYIII - CEII - ARADDEPDMMPRT - TENFLGDYDA - FONMYGDCPSPFOLTFNCCNM DPKLIPS FEEIKLKEE
 TESK2.h - PDVSMGSEKLAVVGSF - MAPFLM - ERY DEKADVFSYIII - CEII - ARADDEPDMMPRT - RTENFLGDYDA - FOHMVGDCPPDFLQTFNCCNM DPKLIPS FEEIKLKEE
 31543857.m VYREGTRKE - LAVVGSF - YMAPFLM - ERY DEKADVFSYIII - CEII - ARADDEPDMMPRT - RTENFLGDYDA - FRTLVCNDCLPLFLIAITHCCSM DPKLIPS FTEITQLEQ
 13928784.m VYREGCARKE - LAVVGSF - YMAPFLM - ERY DEKADVFSYIII - CEII - ARADDEPDMMPRT - RTENFLGDYDA - FRTLVCNDCLPLFLIAITHCCSM DPKLIPS FTEITQLEQ

TESK1.h VYREGARKEPLAVVQGSPYMAPEVLRG ELY DEKADVFATIVVCELLIARPAEDYLP RTEDFGLDVPAG ELYVGGDDCPLPFLDAIAHCNL DSTRAP FITEAQLEW
 3482016.m E-T PC PAGSTD CLEFFAR NFSLPCS AQGWCGBGNNEKRKNLYNAYrFFFET YILLPHASPAVLRLRDTIVNA TGEALGW ADTFLACLEM
 SgK493.h PCAGSTD CLEFFAR NFSLPCS AQGWCGBGNNEKRKNLYNAYrFFFET YILLPHASPAVLRLRDTIVNA TGEALGW ADTFLACLEM
 25149878.w LENPRRNCTLIPNhwid YLSPEIAGNLMIdwrgd LEF SQESDVYSFCHIFELLRMPTCCDSW DQKLYAKMCGOK AALQRDLAQQLKIDGLHEHLLCNSSS QPERKPS ETQALKEV
 25149875.w LENRRNCTLIPNhwid YLSPEIAGNLMIdwrgd LEF SQESDVYSFCHIFELLRMPTCCDSW DQKLYAKMCGOK AALQRDLAQQLKIDGLHEHLLCNSSS QPERKPS ETQALKEV
 17568897.w LAHPKQXLSKTFEWNYLPLAMALRMEYdeycEF SENSDVYAFGCVFEMLLRMPCTCCDSW DQKLYAKMCGOK GRLPVLPNVKCTQDKEVLLSVCNT LWDINLKL
 31242421.i KLLYCDLGLGIPGWLCLYLAPLMLN1tpyriEGDLEF SKNSDIYAFCHIVYELLC GEFFFKSQP AEISIIWQVGRG MKQTLLANQASRVDKLLIQCQSH NSEDPD
 24644428.f KLLYCDLGLGIPGWLCLYLAPLMLN1tpyriEGDLEF SKNSDIYAFCHIVYELLC GEFFFKSQP AEISIIWQVGRG MKQTLLANQASRVDKLLIQCQSH NSEDPD
 34872860.w VREERENQQLKLHSDWLCLYLAPLMLN1tpyriEGDLEF SKAADVYAFCHIVYELCAR DWFKHQPA EALIWQIQSGECV KRVLASVSLGKVCEGILSACAFN FSLIMDMLK
 7305215.m VREERENQQLKLHSDWLCLYLAPLMLN1tpyriEGDLEF SKAADVYAFCHIVYELCAR DWFKHQPA EALIWQIQSGECV VRRVLAWSVSLGKVCEGILSACAFN FSLIMDMLK
 KSR2.h -QACRREDKLRIEENWDCIAPLIIKSLPDTDEKD KSRDVFALPFLHAR EWFKIQP AEAHINGMGTGMK NLSLGKPCISLILFCMFAD EEEPT FTKLMDMLEK
 KSR1.h -RECGRNQLKLHSDWLCLYLAPLMLN1tpyriEGDLEF SKAADVYAFCHIVYELCAR DWFKHQPA EASINSVIGSGEG MKRVLTSVSLGKVCEGILSACAFN DLOEPD
 31228968.i KVRWSGSQQSNQPIGSILN MAPEVIRMKD N-Y SFQSDVYAFCHIVLYELMT DEQLEYSINN KDQIIFWVCCOKLRP DSTKVRDTCPCQAKRQVPCIKF NRDRBPL
 17933542.f TRWSGEKQANQPIGSILN MAPEVIRMKD N-Y SFQSDVYAFCHIVLYELMT DEQLEYSINN KDQIIFWVCCOKLRP DSTKVRDTCPCQAKRQVPCIKF NRDRBPL
 32565699.w KWTWNGQGQGQDGSILN MAPEVIRMKD DN-Y TPQSDVYAFCHIVYELISS HLEYSINN NNRDQILEMVGRGYLR PDRKIRHDTPKMKIHYDNICMF DRNRPV
 34855789.n cpORDPNGLPPPELYPDEPFLHLR D-VP APASLDYVSFCHIVLAEVETG ELEFWAGG SCLGDLPLAPYOALVQag11EPADPMG SLOCSTRLLR
 34873268.m KSRNHSQHFEQLSGHSLN MAPEVIRMKD N-Y SFQSDVYAFCHIVLYELMT DEQLEYSINN NNKRQHIFMVGRG KGAHDLRdtvplqlym KRNQHIFMVGRG
 13878215.m SGAIERNVTRMplptqlym NAPAEVLRN Q-KA TVKSDIVSFCHIVLAEVETG DEQLEYSINN NNKRQHIFMVGRG LEADVRPLPEYYDVKSGHIA KRNQHIFMVGRG
 SgK307.h RGVRDlRplptqlym NAPAEVLRN Q-KA TVKSDIVSFCHIVLAEVETG DEQLEYSINN NNKRQHIFMVGRG LEADVRPLPEYYDVKSGHIA KRNQHIFMVGRG
 38083943.m KSRNHSQHFEQLSGHSLN MAPEVIRMKD N-Y SFQSDVYAFCHIVLYELMT DEQLEYSINN RDQIIFMVGRLR YLSPDLSKRSNCPKAMKRMELKK KRDRBPL
 34855676.m KSRNHSQHFEQLSGHSLN MAPEVIRMKD N-Y SFQSDVYAFCHIVLYELMT DEQLEYSINN RDQIIFMVGRLR YLSPDLSKRSNCPKAMKRMELKK KRDRBPL
 BRAF.h KSRNHSQHFEQLSGHSLN MAPEVIRMKD N-Y SFQSDVYAFCHIVLYELMT DEQLEYSINN NNKRQHIFMVGRG KRNQHIFMVGRG
 40538760.d KARWSGSQQVOPSGHSLN MAPEVIRMKD N-Y SFQSDVYAFCHIVLAEVETG ELEWISIGN RDQIIFMVGRLR YLSPDLSKVCRCPKAMKRMELKK KRDRBPL
 6981458.m KSRNHSQVQPTGCSILN MAPEVIRMKD N-Y SFQSDVYAFCHIVLYELMT DEQLEYSINN RDQIIFMVGRLR YLSPDLSKVCRCPKAMKRMELKK KRDRBPL
 18497290.m KSRNHSQVQPTGCSILN MAPEVIRMKD N-Y SFQSDVYAFCHIVLYELMT DEQLEYSINN RDQIIFMVGRLR YLSPDLSKVCRCPKAMKRMELKK KRDRBPL
 RAF1.h KSRNHSQVQPTGCSILN MAPEVIRMKD N-Y SFQSDVYAFCHIVLYELMT DEQLEYSINN NNKRQHIFMVGRG YASPDLSKLVCKNCPKAMKRMELKK KRDRBPL
 11968120.m TRWSGAQPLEQPSGVSILN MAPEVIRMKD N-Y SFQSDVYAFCHIVLYELMT DEQLEYSINN RDQIIFMVGRLR YLSPDLSKVCRCPKAMKRMELKK KRDRBPL
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 22327668.p -HETYLTLLKTRGCTPMAPEVLRN EAA DEKSDIVSFCHIVLAEVETG KIPWESL NAMQVHIGAVGFNMQ DFLSRLYKNCPKAMKRMELKK KRDRBPL
 18408889.p -TYLTTTNGRGT PMAPEVLRN EAA DEKSDIVSFCHIVLAEVETG KIPWESL NAMQVHIGAVGFNMQ DFLSRLYKNCPKAMKRMELKK KRDRBPL
 83593563.q -TFLTTKTKGKT PMAPEVLRN EPS DEKSDIVSFCHIVLAEVETG KIPWENL NSMQVHIGAVGFNMQ DFLSRLYKNCPKAMKRMELKK KRDRBPL
 74530011.q -TFLTTKTKGKT PMAPEVLRN EPS N EN -YVILTE EIA TQ KIPWENL NTMOVUVGAVGFNMQ DFLSRLYKNCPKAMKRMELKK KRDRBPL
 15230755.p TYLTSKSGKGT PMAPEVLRN ESA DEKSDIVSFCHIVLAEVETG KIPWENL NSMQVHIGAVGFNMQ DFLSRLYKNCPKAMKRMELKK KRDRBPL
 15230754.p -HQTYLTSKSGKGT PMAPEVLRN ESA DEKSDIVSFCHIVLAEVETG KIPWENL NSMQVHIGAVGFNMQ DFLSRLYKNCPKAMKRMELKK KRDRBPL
 15230753.p -HETYLTSKSGKGT PMAPEVLRN ESA DEKSDIVSFCHIVLAEVETG KIPWENL NSMQVHIGAVGFNMQ DFLSRLYKNCPKAMKRMELKK KRDRBPL
 16805003.z NKPKYLGIVGFTQD PMAPEVLRN EGY TEKADIVSFCHIVLAEVETG KIPWENL HRKIPESKPNLIDIAHVGYANKKLS DQLRIPD
 30684784.p -TDENMDTSSACT PMAPELIRN R-F TEKCDIFSLVIM EITL RKFPEWCV PPEKVFPAFAHEGSR YASPDLSKLVCKNCPKAMKRMELKK KRDRBPL
 51500016.q -TDSFMTDNSAGT PMAPELIRN E-F TEKCDIFSLVIM EITL SRPWDCI SPVQVNNVHANBGSR LEIPEGLQKLIADCAV DQOQDPS
 30694847.p -TGTTMRDTVSACT PMAPELIRN E-F SEKCDIFSLVIM EITL TRPPEWCV PERVYVYAHAYEGAR LEIPEGLQKLIADCAV CNEILSLLD
 18411001.p -TGTMRDTVSACT PMAPELIRN E-F SEKCDIFSLVIM EITL TRPPEWCV PERVYVYAHAYEGAR LEIPEGLQKLIADCAV CNEILSLLD
 15227972.p -TGTAVKDTAEAGT PMAPELIRN E-F TEKCDIFSLVIM EITL SKPFWKPL EKVHIVANEG ARKIPEGI KTLADCAV DFLJLPS
 30686028.p -TFLTSKSGKGT PMAPEVLRN E-P S NEKCDIVSFCHIVLAEVETG KIPWENL DFLSRLYKNCPKAMKRMELKK KRDRBPL
 18416060.p -TFLTSKSGKGT PMAPEVLRN E-P S NEKCDIVSFCHIVLAEVETG KIPWENL DFLSRLYKNCPKAMKRMELKK KRDRBPL
 82030016.q -ANTFISKSVACT PMAPELIRN E-P S NEKCDIVSFCHIVLAEVETG KIPWENL DFLSRLYKNCPKAMKRMELKK KRDRBPL
 15233846.p -ANTFISKSVACT PMAPELIRN E-P S NEKCDIVSFCHIVLAEVETG KIPWENL DFLSRLYKNCPKAMKRMELKK KRDRBPL
 30680171.p -TFLTSKSGKGT PMAPEVLRD E-P S NEKSDIVSFCHIVLAEJL QOPPWGNL NPAQVVAWGFKC DFLSRLYKNCPKAMKRMELKK KRDRBPL
 15242848.p -TFLTSKSGKGT PMAPEVLRD E-P S NEKSDIVSFCHIVLAEJL QOPPWGNL NPAQVVAWGFKC DFLSRLYKNCPKAMKRMELKK KRDRBPL
 38490006.q -TFLTSKSGKGT PMAPEVIRD E-P S NEKSDIVSFCHIVLAEJL QOPPWGNL NPAQVVAWGFKC DFLSRLYKNCPKAMKRMELKK KRDRBPL
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 83511110.q -TFLTSKSGKGT PMAPEVIRD E-P S NEKSDIVSFCHIVLAEJL QOPPWGNL NPAQVVAWGFKC DFLSRLYKNCPKAMKRMELKK KRDRBPL
 22326737.p -HHTYLTLSKTAGT PMAPEVLRN E-P S NEKCDIVSFCHIVLAEJL RVPWCKL DFLSRLYKNCPKAMKRMELKK KRDRBPL
 18390931.p -HNTFLTSKTAGT PMAPEVLRN E-P S NEKCDIVSFCHIVLAEJL RLPFWROM NPMQVHIGAVGFNMQ DFLSRLYKNCPKAMKRMELKK KRDRBPL
 83622217.q -HGTFLTSKTAGT PMAPEVLRN E-P S NEKCDIVSFCHIVLAEJL QOPPWGNL NPMQVHIGAVGFNMQ DFLSRLYKNCPKAMKRMELKK KRDRBPL
 83600536.q -HSTFLSSKTAGT PMAPEVLRN EQS NEKCDIVSFCHIVLAEJL RLPFWOM NPMQVHIGAVGFNMQ DFLSRLYKNCPKAMKRMELKK KRDRBPL
 56250015.q -TFLSSRSTAGTQPLAF A-KVI CIEADV FMSA TGLYYQON FSHYFSGHCKNSFF DQLRIPD
 AK100319.q -TFLSSRSTAGTQPLAF A-KVI CIEADV FMSA TGLYYQON FSHYFSGHCKNSFF DQLRIPD
 22329643.p -TYLTSKSGKGT PMAPEVLRN E-P S DEKCDIVSFCHIVLAEJL ROPWECM NAMQVHIGAVGFNMQ DFLSRLYKNCPKAMKRMELKK KRDRBPL
 15219517.p -HSTYLTLSKTAGt PMAPEVLRN E-P S DEKCDIVSFCHIVLAEJL ROPWECM NAMQVHIGAVGFNMQ DFLSRLYKNCPKAMKRMELKK KRDRBPL
 17554382.w -FQEVGKRAYSA PMAPELIRN -APEDLN IRAADM SFIAIL EENTR EFPFSDL PPMECGKMTALEGLR DFLSRLYKNCPKAMKRMELKK KRDRBPL
 31218174.i -ERGRVYQPAQNSPEMLOK KRTERn weACDM SFICIC EITL EITL TPMEAGMRIATEGRLEL DFLSRLYKNCPKAMKRMELKK KRDRBPL
 24667933.f -EKGRVYQPAQNSPEMLOK KQADnR weACDM SFICIC EITL EITL TPMEAGMRIATEGRLEL DFLSRLYKNCPKAMKRMELKK KRDRBPL
 6754342.m FQCPGRMYA PAQNSPEMLOK KPEDnR rSADM SFIVL EITL EITL TPMEAGMRIATEGRLEL DFLSRLYKNCPKAMKRMELKK KRDRBPL
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 38085201.m GSTWRSTQNEATDHSELYTAPELILNRESP CSG TPOODVYSPFVILL RDLIHQAHGFDLEA APEPDIQKIDPRAP VPLRPSLIEDKGDRGIVALVRCODE SPELAPI FPLSKKLR
 20514776.G GSTCRINYQEA THSELYTAPELILNRESP WSG TPOODVYSPFVILL RDLIHQAHGFDLEA APEPDIQKIDPRAP VPLRPSLIEDKGDRGIVALVRCODE SPELAPI FPLSKKLR
 31239915.i BCAEnESIGEHBQHYRNLFNSPELILNROPS V-VG TOKCDVYAFCHIVLAEJL RGPFGYTLReeIIDRKAPEGKDP FRPDLTSVIEHENVSDVYINCHRDCE
 24666940.f QCAEnESIGEHBQHYRNLFNSPELILNROPS V-VG TOKCDVYAFCHIVLAEJL RGPFGYTLReeIIDRKAPEGKDP FRPDLTSVIEHENVSDVYINCHRDCE
 17534659.w -ECIMDDSYNSIWEFLN PAQNSPEMLOK -NPP T KADANSAFII EITL EITL RGPFGYTKKPLGEDP FRPVEESIIAEsCPDYLQVLAICRDCDE
 31239917.i EEvVDEKEKLEEKQKLFLPAPLILRGAFTAT VEG TEKCDIVSFCHIVLAEJL RGPFGYTLReeIIDRKAPEGKDP FRPVEESIIAEsCPDYLQVLAICRDCDE
 24663843.f EDSSTDQMHSACKLKLIPAPLILRGAFTAT VMG TORCDVYSPFVILL EITL EITL MECIKRVLN DFLSRLYKNCPKAMKRMELKK KRDRBPL
 24663839.f EDSSTDQMHSACKLKLIPAPLILRGAFTAT VMG TORCDVYSPFVILL EITL EITL MECIKRVLN DFLSRLYKNCPKAMKRMELKK KRDRBPL
 17568387.w KYNSKTKNPKkstd1mAPLILKRYAKHDSL -KLE LAKADIYSLAIVLYETVGRGPFCDDLIDS DFLSRLYKNCPKAMKRMELKK KRDRBPL
 17534665.w GEETWQQEDDVQECQKDLNTPSPELILRGAFTAT CGV11vQKSDVYAFCHIVLAEJL RGPFGYTLReeIIDRKAPEGKDP
 17534661.w GEETWQQEDDVQECQKDLNTPSPELILRGAFTAT CGV11vQKSDVYAFCHIVLAEJL RGPFGYTLReeIIDRKAPEGKDP
 17559160.w -VKTPKTSQGQIFTEDH VIKSPLBHyfdcamKwiWTPQF GKCKDMSFCHIVLAEJL RGPFGYTLReeIIDRKAPEGKDP
 32566183.N NIKVPEAMITYpdyccvPPEPHIN BYEDDSgkPPrVRY SPKCDIVCFMISYMMWER EDDYHILHsvnSLIKQINEN DFLSRLYKNCPKAMKRMELKK KRDRBPL
 17540902.w NITMPDRSDYTIYpdyccvPPEPHIN BYEDDSgkPPrVRY SPKCDIVCFMISYMMWER EDDYHILHsvnSLIKQINEN DFLSRLYKNCPKAMKRMELKK KRDRBPL
 17568383.w saddvsdpdkdfarkkYLQAPLILKRYAKHDSL -PEG SQSADIVAFCHIVLAEJL RGPFGYTLReeIIDRKAPEGKDP
 17540900.w ELAPSSAFDVAIHYKY1 LGAHPIKIALEKLE PEG TVECDIYQALMCYII RGPFGYTLReeIIDRKAPEGKDP
 32563954.w NCKVDNEnakwkm1YVPEPFIATENKNSLTrqkllkQDQIYAFCHIVLAEJL RGPFGYTLReeIIDRKAPEGKDP
 17540898.w T1KEGDDKSGSAQTSILYDPEMILNQKESNzTrr-qsqarr qmDQIYAFCHIVLAEJL RGPFGYTLReeIIDRKAPEGKDP
 17540896.w AakDSDDDKQSASQTSILYDPEMILNQKESNzTrr-qsqarr qmDQIYAFCHIVLAEJL RGPFGYTLReeIIDRKAPEGKDP
 17540894.w GLtdddksqatqslMBSPEMILNQKESNzTrr-qsqarr qmDQIYAFCHIVLAEJL RGPFGYTLReeIIDRKAPEGKDP

17561804.w - QYEVKHQDPLHAPLHHIDTN - LPI TKEDDIYSFAIICSELITKSAWDLNETFdiEELVYKIKKG-GRSP
 17561798.w - GVEKRTEDGHLHAPVFLRREGI - TSG TOACDVSVSIVCESELVGH-SSAANLekeADEIIIFMVKRGRTP
 32563666.w - RGMQKLSTENMLWAPVFLRGL - EQR SKEDDIYSFLLCSELITRSSAFLNREKEPPEIIYOLKKGG
 17561802.w - TFEPPKEDDLWAPSEYLKNEDQ - ERL PECDIYSFLLCSELITRSSAFLNREKEPPEIIYOLKKGG
 17561800.w - TFEPPKEDDLWAPSEYLKNEDQ - ERL PECDIYSFLLCSELITRSSAFLNREKEPPEIIYOLKKGG
 17561796.w - LRSPPEKKDLNSAPVFLRGL - ERL PECDIYSFLLCSELITRSSAFLNREKEPPEIIYOLKKGG
 17561794.w - THDQYNKSDRLTSPPLRIGDD - ILG SRECDIYSFLLCSELITRSSAFLNREKEPPEIIYOLKKGG
 17534657.w - EETPKPSKRLRMAPVFLRGLSITI - HOM DPSADVVSFIAASSEILT KREWADAEIILYVMKGGNRI
 17534653.w - EETPTPKRLRMAPVFLRGLSITV - SQM DPSADVVSFIAASSEILT KREWADAEIILYVMKGGNRI
 17534651.w - EECPTPKRLRMAPVFLRGLSLSQM - EPS ADIYSFLLCSELIT KREWADAEIILYVMKGGNRI
 17534649.w - EECPTPKRLRMAPVFLRGLSLSQM - EPS ADIYSFLLCSELIT KREWADAEIILYVMKGGNRI
 17534655.w - FLQDEEKPKFLNMIAAPVFLRGLSISI - EOM DSSADIYSFLLCSELIT KREWADAEIILYVMKGGNRI
 32563952.w - EEEKKPMKRRQLMAPVFLRGLSISI - HOI EKSADIYSFLLCSELIT KREWADAEIILYVMKGGNRI
 3123733.i - SCQEPPSKFEKRLRSLAPVFLRGLSISI - GRQ TQKDVYVSFLLCSELIT KREWADAEIILYVMKGGNRI
 28574512.f - AQQEENKSEELKLRLCMAAPVFLRGLSISI - GRQ TQKDVYVSFLLCSELIT KREWADAEIILYVMKGGNRI
 31197687.i - RSTDADDIESYAYQKLLMAPVFLRGLSISI - PAG SOKCDVVSFLLCSELIT KREWADAEIILYVMKGGNRI
 24647268.f - LEDSGGNCHASYWNLMAPVFLRGLSISI - PAG SOKCDVVSFLLCSELIT KREWADAEIILYVMKGGNRI
 32562827.w - BE1NEEIGHEAYYKKMIAAPVFLRGLSISI - PMG TQKDVYVSFLLCSELIT KREWADAEIILYVMKGGNRI
 31211641.i - EYVRDQNYYMLNTE1MAPVFLRGLSISI - TPA TQKDVYVSFLLCSELIT KREWADAEIILYVMKGGNRI
 24655671.f - TPSDFVRDQNYYLTQ - RG DVVYSFLLCSELIT KREWADAEIILYVMKGGNRI
 24655676.f - TPSDFVRDQNYYLTQ - RG DVVYSFLLCSELIT KREWADAEIILYVMKGGNRI
 27806517.m - STAEPDSHALYAKLMAPVFLRGLSISI - TTG MOKADVVSYFLLCSELIT KREWADAEIILYVMKGGNRI
 28916675.m - STAEPDSHALYAKLMAPVFLRGLSISI - TTG MOKADVVSYFLLCSELIT KREWADAEIILYVMKGGNRI
 16758694.m - STAEPDSHALYAKLMAPVFLRGLSISI - TTG MOKADVVSYFLLCSELIT KREWADAEIILYVMKGGNRI
 ANP.B.h - STAEPDSHALYAKLMAPVFLRGLSISI - TTG MOKADVVSYFLLCSELIT KREWADAEIILYVMKGGNRI
 6981280.m - DPEEQGHTLFAKKLMAPVFLRGLSISI - ARG SOQADVVSYFLLCSELIT KREWADAEIILYVMKGGNRI
 34328514.m - DPEEQGHTLFAKKLMAPVFLRGLSISI - ARG SOQADVVSYFLLCSELIT KREWADAEIILYVMKGGNRI
 ANPa.h - DLDPEQGHTVYAKLMAPVFLRGLSISI - VRG SOQADVVSYFLLCSELIT KREWADAEIILYVMKGGNRI
 6981000.m - PPKDLMAPVFLRGLSISI - ATI SOKCDVVSFLLCSELIT KREWADAEIILYVMKGGNRI
 38085380.m - PPKDLMAPVFLRGLSISI - ATI SOKCDVVSFLLCSELIT KREWADAEIILYVMKGGNRI
 27806993.m - PFKDLMAPVFLRGLSISI - ASV SOKCDVVSFLLCSELIT KREWADAEIILYVMKGGNRI
 HSER.h - PFKDLMAPVFLRGLSISI - ANI SOKCDVVSFLLCSELIT KREWADAEIILYVMKGGNRI
 31198009.i - EAQGIAAPCRNAKEELLMAPVFLRGLSISI - KAG TQADYVAFIIIMCEVVVR GEFYCMCLSL - TDPEHIAKIKK
 24644018.f - ESQGLPRTSAKEELLMAPVFLRGLSISI - RLG TQADYVAFIIIMCEVVVR GEFYCMCLSL - SPEELVKKK
 18543337.m - SHCSFRQPAPFELLMAPVFLRGLSISI - RLG TQADYVAFIIIMCEVVVR GEFYCMCLSL - SPEELVKKK
 38086777.m - EMIRLSEEEPPSEELLMAPVFLRGLSISI - RLG SFACDVVSYFLLCSELIT KREWADAEIILYVMKGGNRI
 16758684.m - EMIRLSEEEPPSEELLMAPVFLRGLSISI - RLG SFACDVVSYFLLCSELIT KREWADAEIILYVMKGGNRI
 27806997.m - ETLRLSSEEEPPSEELLMAPVFLRGLSISI - GSRL SFACDVVSYFLLCSELIT KREWADAEIILYVMKGGNRI
 CYGF.h - EMIRLSEEESSMEEELLMAPVFLRGLSISI - RLG SFACDVVSYFLLCSELIT KREWADAEIILYVMKGGNRI
 6680135.m - EAQRVLPEPPSAEDLMAPVFLRGLSISI - RRG TLAQDVVSFLLCSELIT KREWADAEIILYVMKGGNRI
 13242283.m - EAQRVLPEPPSAEDLMAPVFLRGLSISI - RRG TLAQDVVSFLLCSELIT KREWADAEIILYVMKGGNRI
 27806995.m - EAQRVLPEPPSAEDLMAPVFLRGLSISI - RRG TLAQDVVSFLLCSELIT KREWADAEIILYVMKGGNRI
 CYGD.h - EAQKVLPEPPSAEDLMAPVFLRGLSISI - RRG TLAQDVVSFLLCSELIT KREWADAEIILYVMKGGNRI
 18858599.d - NSSDPTYTSLLGGKIPRMAPVFLRGLSISI - RKG TCA SDVSYIVM EVMS - GERPYVD MSNDVWNE
 17564116.w - GGTQKRAEMPVPRMAPVFLRGLSISI - MIS TKA SDVSYIVM EVMS - GERPYVD MSNDVWNE
 17541454.w - EKDKQKAFKEALKEAPLAAAPLICIRE - SEF SIK DVV CAFFVIEVNNAEKIFAGE EDITIONRKIKKAN
 9910534.m - QSGSGSGSGSGRDSTGTLAYDLPFCKV - LKA SKASDVSFLLCSELIT KREWADAEIILYVMKGGNRI
 21326477.m - SQSGSGSGSGRDSTGTLAYDLPFCKV - GKA SKASDVSFLLCSELIT KREWADAEIILYVMKGGNRI
 RIPK3.h - GSQSGTGSCEPFGTGLYALPFLVNVN - RKA SKASDVSFLLCSELIT KREWADAEIILYVMKGGNRI
 34328467.m - KQKEVSSTTKKNGCTLYMAPVFLRGLN - AKP TEKSDVVSFLLCSELIT KREWADAEIILYVMKGGNRI
 34875345.m - nkQREASSVTKKNGCTLYMAPVFLRGLN - AKP TEKSDVVSFLLCSELIT KREWADAEIILYVMKGGNRI
 RIPK1.h - NELREVDTGAKKNGCTLYMAPVFLRGLN - AKP TEKSDVVSFLLCSELIT KREWADAEIILYVMKGGNRI
 35903065.d - LDHQRRLRQPAEMGTLYMPPEBESK - RRT DVKMDYSMYIIIMCEVVVR GEFYCMCLSL - TDPEHIAKIKK
 34867073.m - LSOSRYSKVAPECGTLYMPPEBESK - SRA SKVCDIYSFLLCSELIT KREWADAEIILYVMKGGNRI
 20336736.m - LSOSRYSKVAPECGTLYMPPEBESK - SRA SKVCDIYSFLLCSELIT KREWADAEIILYVMKGGNRI
 RIPK2.h - SLSOSRYSKVAPECGTLYMPPEBESK - SRA SKVCDIYSFLLCSELIT KREWADAEIILYVMKGGNRI
 34868038.m - SHSHDSLMDGLFGTLYMPPEBESK - RIF DTKDVVSFLLCSELIT KVLQT KKEFADE KNILHIMMKVVKGHRPELPPIC
 18129624.m - SHSHDSLMDGLFGTLYMPPEBESK - RIF DTKDVVSFLLCSELIT KVLQT KKEFADE KNILHIMMKVVKGHRPELPPIC
 ANKR3.d - SHSHDSLMDGLFGTLYMPPEBESK - RIF DTKDVVSFLLCSELIT KVLQT KKEFADE KNILHIMMKVVKGHRPELPPIC
 27370420.m - STQKYIERSALRGTLSTYMPPEMFLENN - KAP GPECDVVSYFLLCSELIT KEELT KKEFADE KNILHIMMKVVKGHRPELPPIC
 34864605.m - STQKYIERSALRGTLSTYMPPEMFLENN - KAP GPECDVVSYFLLCSELIT KEELT KKEFADE KNILHIMMKVVKGHRPELPPIC
 Sqk288.h - STRMQYIERSALRGTLSTYMPPEMFLENN - KAP GPECDVVSYFLLCSELIT KEELT KKEFADE KNILHIMMKVVKGHRPELPPIC
 18640226.v - -SSPSFKDINPYYISPLKINNIF - SKH NLQDDVYSLILLF E1FTG DVEVKLNSI KE - LFKN
 9633952.v - SVPPFFKNINMLYAYRERLDDIFSK - Y TEKODVYSLIVL E1FTG CFEFGDTS - TDYDIAVNNKNN
 9633782.v - SVPPFFKNINMLYAYRERLDDIFSK - Y TEKODVYSLIVL E1FTG HVEFNNTT - ADIYDIAVNNKND
 21492593.v - SNPFKNIINAIVYISPLKMLN - VFNER IGGDIYSFLLCSELIT KIEFSG KIEFKNLTT KEIYDIPNKN
 15150582.v - ANPFKNIINAIVYISPLKMLN - VFERG IGGDIYSFLLCSELIT KIEFSG KIEFKNLTT KEIYDIPNKN
 9634873.v - GAYNNIYKRVNFMYADMMLDIP - SNY TIKESEIYSLIVLWMEHTG KIEFENMDY - QGYIYMLNMLKENK
 40556212.v - NVKVNFMAYFDYNI - L TDI SEY TII SEIYSLIVLWMEHTG KIEFENMDY - QGYIYMLNMLKENK
 34851764.w - SISRATKSTKAERSHAYSPERLDPFCK - D YK DKAIEIYRSPFLLCSELIT KEEAT EKUYEA
 38089459.w - SISRATKSTKAERSHAYSPERLDPFCK - CHY DIKAIEIYRSPFLLCSELIT KEEAT EKUYEA
 MLKL.h - SMSLGTTRKTDRLVKSTAYLSPDELPFVY - KYD DVKSEIYSPFLLCSELIT KEEAT DTFQCC - NSEKIRKLVAVKRO
 32180007.q -
 30699436.p - CTKGHVSTQVKGTYLDPYIYT - QKL TEKSDVVSFLLCSELIT KOPIEKG - KYIVREIKVNMKSDDEYgLR
 2233181.p - rnsRRSDSRAIRGCFVGRYQNSPFFONL - GIA TQKDVYAFVMMVQMM - EEPKLQYRDKAQDFERTSVITEA
 71850021.q - GGGEAFTMTSNIACTRYLPLPQYLSH - GVV SKADVYSLIVLWMEHTG KGVDELE - DGAQDFPAGMNALGIdlggs
 34880204.m - MMGSGIVGTIHAMAPLFLTG - KY DNSDVYAFILFVYIICSG - SKIPLPEAFERCAASKDHNVNRGTRPE
 40807349.m - MMGSGIVGTIHAMAPLFLTG - KY DNSDVYAFILFVYIICSG - SKIPLPEAFERCAASKDHNVNRGTRPE
 40556610.m - MMGSGIVGTIHAMAPLFLTG - KY DNSDVYAFILFVYIICSG - SKIPLPEAFERCAASKDHNVNRGTRPE
 Sqk496.h - MMGSGIVGTIHAMAPLFLTG - KY DNSDVYAFILFVYIICSG - SKVLPPEAFERCAASKDHNVNRGTRPE
 83515242.q - TIVLSSGGVGRGTLMAPPLLNGKS - NMV SKEDDVVSFLLCSELIT KEEFTYAD - RAATAHGVNN
 15242791.p - TIVLSSGGVGRGTLMAPPLLNGKS - NMV SKEDDVVSFLLCSELIT KEEFTYAD - HCASINGIVNNA
 83544086.q - TIVLSSGGVGRGTLMAPPLLNGSS - SLV SKEDDVVSFLLCSELIT KEEFTYAD - HYGVHIGGVNSNT
 AK067771.q - TIVLSSGGVGRGTLMAPPLLNGSS - SLV SKEDDVVSFLLCSELIT KEEFTYAD - HYGANIGIVNNT
 15232679.p - TIVLSSGGVGRGTLMAPPLLNGTS - SLV SKEDDVVSFLLCSELIT KEEFTYAD - HYGANIGIVNNT

83593841.q RNTLIVSGGVRGTLPEMAPLELLNGSSSRVSEKDVPSFIALIELTG-EEYVAMM-HCGAINGCIVNNTRPPIKNCEPEWRLQLMECNSA
15230168.p RNTLIVSGGVRGTLPEMAPLELLNGSSTRVSEKDVPSFYISLIELTG-EEYVAMD-HCGAINGCIVKNTTRPPIKSCSPWPKLMECNSV
15219796.p RNTLIVSGGVRGTLPEMAPLELLNGSSNRVSEKDVPSFICLVELTG-EEYVAMM-HCGAINGCIVNNTRPPIPERCEAEWRKLMECNSV
15226883.p RNTLIVSGGVRGTLPEMAPLELLNGSSSKVSEKDVPSFICLVELTG-EEYVAMM-HCGAINGCIVNNTRPTVNYCDPWRNLQLMECNAP
15219417.p RNTLIVSGGVRGTLPEMAPLELLNGSSSKVSEKDVPSFICLVELTG-EEYVAMM-HCGAINGCIVNNTRPTIIGCFCDDEWRMLMBECNAP
15219183.p RNTLIVSGGVRGTLPEMAPLELLNGSSNKVSEKDVPSFICLVELTG-EEYVAMM-HCGAINGCIVNNTRPTIPSYCDSDWRLQLMECNAP
83554819.q RNTLIVSGGVRGTLPEMAPLELLNGSSRNVSEKDVPSFICLVELTG-EEYVAMM-HCGAINGCIVNNTRPFWASCDPWRLQLMECNAP
10470008.q RNTLIVSGGVRGTLPEMAPLELLMSGSKVSEKDVPSFICLVELTG-EEYDGM-HYGGVIG
6680630.m AVTDTDIDIA-NQRGCTKRYMAPFVLDETINM-hfdsfkCADIYALILVMETARRYOLEYYLDLVSpSIEEPRKVVCC-Dgk1r
18859447.d SATTDIDIA-NQRGCTKRYMAPFVLDETINMKhfdsfkCADIYALILVMETARRYOLEYYLDLVSpSIEEPRKVVCC-Dgk1r
40385881.m AVTDTDIDIA-NQRGCTKRYMAPFVLDETINMKhfdsfkCADIYALILVMETARRYOLEYYLDLVSpSIEEPRKVVCC-Dgk1r
ALK4.h SATTDIDIA-NQRGCTKRYMAPFVLDETINMKhfdsfkCADIYALILVMETARRYOLEYYLDLVSpSIEEPRKVVCC-Dgk1r
27807121.m SATTDIDIA-NQRGCTKRYMAPFVLDETINMSATTDIDIA-NQRGCTKRYMAPFVLDDDSINMKHFSF-KRADIYAMLVETARRYOLEYYLDLVSpSIEEPRKVVCC-Dgk1r
6978443.m SATTDIDIA-NQRGCTKRYMAPFVLDETINMSATTDIDIA-NQRGCTKRYMAPFVLDDDSINMKHFSF-KRADIYAMLVETARRYOLEYYLDLVSpSIEEPRKVVCC-Dgk1r
TGFBR1.h SATTDIDIA-NQRGCTKRYMAPFVLDETINMSATTDIDIA-NQRGCTKRYMAPFVLDDDSINMKHFSF-KRADIYAMLVETARRYOLEYYLDLVSpSIEEPRKVVCC-Dgk1r
6678323.m SATTDIDIA-NQRGCTKRYMAPFVLDETINMSATTDIDIA-NQRGCTKRYMAPFVLDDDSINMKHFSF-KRADIYAMLVETARRYOLEYYLDLVSpSIEEPRKVVCC-Dgk1r
1ias_TGFBR SATTDIDIA-NQRGCTKRYMAPFVLDETINMSATTDIDIA-NQRGCTKRYMAPFVLDDDSINMKHFSF-KRADIYAMLVETARRYOLEYYLDLVSpSIEEPRKVVCC-Dgk1r
25145039.w EDAASDIIANE NYKCGTRYLAPHLNSTMDFCVFESYQCADVYSFLVMEIICR-CEDGDFLFrEAATVLPYHE
38074653.m SIMNTIDIPONPKVGTKRYMAPFMLEDTINMIFESFKRADIYSLVLTETARRYOLEYYLDLVSpSIEEPRKVVCC
20806129.m SIMNTIDIPONPKVGTKRYMAPFMLEDTINMIFESFKRADIYSLVLTETARRYOLEYYLDLVSpSIEEPRKVVCC
ALK7.h SILINTIDIPONPKVGTKRYMAPFMLEDTINMIFESFKRADIYSLVLTETARRYOLEYYLDLVSpSIEEPRKVVCC-DOK
31222755.i VATDTPDQPSTHRVGCKRYMAPFVLDETINQSDFSF-KRADVYALILVLETARRYOLEYYLDLVSpSIEEPRKVVCDQ
31222746.i VATDTPDQPSTHRVGCKRYMAPFVLDETINQSDFSF-KRADVYALILVLETARRYOLEYYLDLVSpSIEEPRKVVCDQ
31197447.i VATDTPDQPSTHRVGCKRYMAPFVLDETINQSDFSF-KRADVYALILVLETARRYOLEYYLDLVSpSIEEPRKVVCDQ
17136928.f EKnDSVDPDQPSTHRVGCKRYMAPFVLDESMDNQHDFSYKRADVYAFLLILVLETARRYOLEYYLDLVSpSIEEPRKVVCC
17136926.f EKnDSVDPDQPSTHRVGCKRYMAPFVLDESMDNQHDFSYKRADVYAFLLILVLETARRYOLEYYLDLVSpSIEEPRKVVCC
18858371.d SDTNEVDIPLNTRVGCKRFNAPFMLEDTINLRNHNHQSyinADMSFCLILVETARRYOLEYYHDHVp-SYEDDRBVVC1K
6680802.m SDTNEVDIPLNTRVGCKRYMAPFVLDESINRNHNHQSyinADMSFCLILVETDVSpSIEEPRKVVCMK
34860824.m SDTNEVDIPLNTRVGCKRYMAPFVLDESINRTHPQSyinADMSFCLILVETARRYGIVBEYOLPMY
BMPR1B.h SDTNEVDIPLNTRVGCKRYMAPFVLDESINRNHHQSyinADMSFCLILVETARRYOLEYYHDlsdpSIEDMRREVYCNK
24371288.d SDTNEVDIPLDPLSTRMGTCKRYMAPFVLDESINRNFNHQSyinADMSFCLILVETARRYOLEYYHDVSpSIEEPRKVVCDQ
6753194.m SDTNEVDIPLNTRVGCKRYMAPFVLDESINRNFNHQSyinADMSFCLILVETARRYCITGGIVEEY-QLPYY
34877958.m SDTNEVDIPLNTRVGCKRYMAPFVLDESINRNFNHQSyinADMSFCLILVETARRYOLEYYNNMVsSpSIEDMRREVYCVKS
13540661.m SDTNEVDIPLNTRVGCKRYMAPFVLDESINRNFNHQSyinADMSFCLILVETARRYOLEYYNNMVsSpSIEDMRREVYCVKR
BMPR1A.h SDTNEVDIPLNTRVGCKRYMAPFVLDESINRNFNHQSyinADMSFCLILVETARRYOLEYYNNMVsSpSIEDMRREVYCVKR
31202099.i SESDIOIAJANNSRVGCKRYMAPFVLSETLDLHFECFKADMPSVCLVEMARRYALEYHDFEDMLVAVVCKG
28574652.f SELVDVIAQNPVRGCKRYMAPFVLSETLDLHFECFKADMPSVCLVEMARRYALEYHDFEDMLVAVVCKG
28574650.f SELVDVIAQNPVRGCKRYMAPFVLSETLDLHFECFKADMPSVCLVEMARRYALEYHDFEDMLVAVVCKG
28574648.f SELVDVIAQNPVRGCKRYMAPFVLSETLDLHFECFKADMPSVCLVEMARRYALEYHDFEDMLVAVVCKG
28574646.f SELVDVIAQNPVRGCKRYMAPFVLSETLDLHFECFKADMPSVCLVEMARRYALEYHDFEDMLVAVVCKG
17532233.w QNDKILPEKFNFVqGCKRYMAPFELINNKINPQDKSPEKADIVSMLVMEAVIRPVNTEC-
13242554.v CMLPCKFRGPYGMIPN-VVDSIDEDIYAVASLVEAqGSDPGVHTR-NDKNGEDNTAVALQOPFH
31198399.i QTNNKIDINJARVGCKRYMAPFVLDESMIFCFDALRDIAYALILVETCryYKVEFYDVSpSIEEPRKVVCDQ
24586381.f HVTGQDLDLGNPKVGTCKRYMAPFVLDESIDL-CPEALrfrDIAYAFLLILVETCryYKVEFYDVSmpSIEEPRKVVCDQ
24586379.f HVTGQDLDLGNPKVGTCKRYMAPFVLDESIDL-CPEALrfrDIAYAFLLILVETCryYKVEFYDVSmpSIEEPRKVVCDQ
23613777.z SNHLYYYYNIEKhddeyYMAPlVLR-EHYTKKSDISYFVIMYEKKAFAEKFDIS-PLFFSIQTCX
18858267.d QSDNQLDVGNNPKVGTCKRYMAPFVLDEQIRTCDF-DAYKRUDIAFLLVLETARRYYTFKPFEDVLP-pSFEDMRKVVCVE
40254649.m QSTNQLDVGNNPKVGTCKRYMAPFVLDEQIRTCDF-DSYKRUDIAFLLVLETARRYYTFKPFEDVLP-pSFEDMRKVVCVE
13324702.m QSTNQLDVGNNPKVGTCKRYMAPFVLDEQIRTCDF-DSYKRUDIAFLLVLETARRYYTFKPFEDVLP-pSFEDMRKVVCVE
28603794.m QSTNQLDVGNNPKVGTCKRYMAPFVLDEQIRTCDF-DSYKRUDIAFLLVLETARRYYTFKPFEDVLP-pSFEDMRKVVCVE
ALK2.h QSTNQLDVGNNPKVGTCKRYMAPFVLDEQIRTCDF-DSYKRUDIAFLLVLETARRYYTFKPFEDVLP-pSFEDMRKVVCVE
24111232.d QSTDYLDVGITNPRVGTCKRYMAPFVLDEIIRVDVF-ESYKRUDIAFLLVLETARRYYTFKPFEDVLP-pSFEDMRKVVCVE
6752958.m QSSDYLGDGNNPKVGTCKRYMAPFVLDEHTRVDFM-ESYKRUDIAFLLVLETARRYYTFKPFEDVLP-pSFEDMRKVVCVE
11967973.z QSSDYLGDGNNPKVGTCKRYMAPFVLDEQIRTCDF-ESYKRUDIAFLLVLETARRYYTFKPFEDVLP-pSFEDMRKVVCVE
ALK1.h QGSYLDIGNNPRVGTCKRYMAPFVLDEQIRTCDF-ESYKRUDIAFLLVLETARRYYTFKPFEDVLP-pSFEDMRKVVCVE
33504493.d DSLSVDELANSQGCKRYMAPFVLDEQRNLNEI-ESKDKDVSYMLVLEIISRCNAIGEVKDY-rEHPcVEMKONVLRD
TGFBR2.h PTLSVDDLANSGOVGTCKRYMAPFVLDEQRNLNEI-ESKDKDVSYMLVLEIISRCNAIGEVKDY-rEHPcVEMKONVLRD
27363474.m PTLSVDDLANSGOVGTCKRYMAPFVLDEQRNLNEI-ESKDKDVSYMLVLEIISRCNAIGEVKDY-EPPFGSKVREHPCvesmkdsvl
27363476.m PTLSVDDLANSGOVGTCKRYMAPFVLDEQRNLNEI-ESKDKDVSYMLVLEIISRCNAIGEVKDY-EPPFGSKVREHPCvesmkdsvl
13592111.m PTLSVDDLANSGOVGTCKRYMAPFVLDEQRNLNEI-ESKDKDVSYMLVLEIISRCNAIGEVKDY-EPPFGSKVREHPCvesmkdsvl
31213261.i geiTILAETKSINEVGTCKRYMAPFVLDEQAVLRL-ESA-KQDVKYVTLALVLEIAnRCDFTR-CVEYRAPY
24657172.f GEVAMAETKSINEVGTCKRYMAPFVLDEQAVLRL-ETS-LKODVYVYLILVETARRY-
6680804.m vRPGEEDNAAISEVGTCKRYMAPFVLDEQAVLRL-ESA-KQDVMYALLHIEBFMRCRDLFPGESV-PDQYMAFQTE
34877050.m MR-L-TGN-RLVRPGEEDN-AA
BMPR2.h vrPGEEDNAAISEVGTCKRYMAPFVLDEQAVLRL-cESA-LKODMYALLHIEBMRCRDLFPGESV-SVPEYMAFOE
21362359.m APTQPRGPAAILEAGCKRYMAPFVLDEQAVLRL-dlwGTA-LQRADVSIALLL-EILSR-CSDLrP-HRPPPFQJAYAEGLGSNPsacelW
13591890.m TPTQqggpaIMEGTCKRYMAPFVLDEQAVLRL-dlwGTA-LQRADVSIALLL-EILSR-CSDLrP-HRPPPFQJAYAEGLGSNPsacelW
MISR2.h -DIEQSDLGQVGTCKRYMAPFMLEGATE-ftPTA-FKADVYSLVLM-EVLSR-TKLHQTD-EPPNYCmpFQVIGFDptlgLM
17552830.w -TPGKSCGDTHGQGTCKRYMAPFVLDEGAInFT-RDA-FLRLDVYACLVLFELVSR-CTVHGGP-VDEYRLFEAELGP
31204703.i -QPGKPCGDTHGQGTCKRYMAPFVLDEGAInFT-RDA-FLRLDVYACLVLFELVSR-CDFAcPGV-
24646871.f -EPGKPPGDTHGQGTCKRYMAPFVLDEGAInFQ-RDA-FLRLDMYAMLVLFELVSR-CKAAcPGV-
27721701.m -EPGKPPGDTHGQGTCKRYMAPFVLDEGAInFQ-RDA-FLRLDMYAMLVLFELVSR-CKAAcPGV-
27806201.m -EPGKPPGDTHGQGTCKRYMAPFVLDEGAInFQ-RDA-FLRLDMYAMLVLFELVSR-CKAAcPGV-
6680634.m -EPGKPPGDTHGQGTCKRYMAPFVLDEGAInFQ-RDA-FLRLDMYAMLVLFELVSR-CKAAcPGV-
18858251.d -EPGKPPGDTHGQGTCKRYMAPFVLDEGAInFQ-RDS-FLRLDMYAMLVLFELVSR-CKAAcPGV-
31542104.m -EACKSAGDTHGQGTCKRYMAPFVLDEGAInFQ-RDA-FLRLDMYAMLVLFELASR-CTAACDPV-
27806337.m -EACKSAGDTHGQGTCKRYMAPFVLDEGAInFQ-RDA-FLRLDMYAMLVLFELASR-CTAACDPV-
34854270.m -EACKSAGDTHGQGTCKRYMAPFVLDEGAInFQ-RDA-FLRLDMYAMLVLFELASR-CTAACDPV-
ACTR2.h -EACKSAGDTHGQGTCKRYMAPFVLDEGAInFQ-RDA-FLRLDMYAMLVLFELASR-CTAACDPV-VDEYLPFEEE